

**IN THE CLAIMS**

1. (currently amended)

A system for coordinating the activity of a plurality of humans in an enclosed facility, comprising:

a plurality of humans each having a communicator device for communicating information about said activity, said humans being without a response plan for action in said enclosed facility;

a central automated controller having reasoning capability based on a predetermined set of criteria for said enclosed facility;

said controller being able to communicate messages to and from each communicator device of each of said humans without requiring decision inputs from said plurality of humans;

said controller being able to process input from each of said communicator devices and process said input in accordance with programmed decision making capability to accomplish predetermined objectives and provide output to at least some of said humans through said communicator devices to assess a situation without requiring decision inputs from said plurality of humans and direct steps in response thereto based on a priority determined by said predetermined objectives and the messages from at least some of said communicator device; and

said controller being adapted to continue receiving inputs, coordinating decisions based on a predetermined model and task assessment reasoning to determine the best way to accomplish the predetermined objectives within said enclosed facility.

2. (original)

The system of claim 1, wherein said plurality of humans are formed into a plurality of teams.

3. (original)

The system of claim 2, wherein said communicator device of each member of each team is a mobile device selected from the group comprising a radio transmitter/receiver, telephone, wireless PDAs, GPS transmitters/receivers, MEMS and implants, optical transmitters.

4. (original)

The system of claim 1, wherein said communicator device of each member of each team is a laptop or desktop computer or other stationary or vehicle mounted information transmitter and receiver.

5. (original)

The system of claim 1, wherein the information sent by the teams to and from a coordinator that reasons about the situation, assesses changes to the situation, and makes decisions about the various tasks to be performed and when they are to be begun.

6. (original)

The system of claim 1, wherein said programmed decision making capability to accomplish predetermined objectives provides outputs to said communicator device comprising an output selected from the group consisting of instructions, questions, information and combinations thereof.

7. (currently amended)

A system for coordinating the activity of a plurality of humans in an enclosed facility, comprising:

a plurality of humans each having means for communicating over a distance for communicating information about said activity, said humans being without a response plan for action in said enclosed facility;

a central automated controller means for reasoning based on a predetermined set of criteria for said enclosed facility;

said controller means being able to communicate messages to and from each means for communicating over a distance of each of said humans without requiring decision inputs from said plurality of humans;

said controller means being able to process input from each of said means for communicating over a distance and process said input in accordance with programmed decision making capability to accomplish predetermined objectives and provide output to at least some of said humans through said means for communicating over a distance to assess a situation without requiring decision inputs from said plurality of humans and direct steps in response thereto based on a priority determined by said predetermined objectives and the messages from at least some of said communicator device; and

said controller means being adapted to continue receiving inputs, coordinating decisions based on a predetermined model and task assessment reasoning to determine the best way to accomplish the predetermined objectives within said enclosed facility.

8. (original)

The system of claim 7, wherein said plurality of humans are formed into a plurality of teams.

9. (original)

The system of claim 8, wherein said means for communicating over a distance of each member of each team is a mobile device selected from the group comprising a radio transmitter/receiver, telephone, wireless PDAs, GPS transmitters/receivers, MEMS and implants, optical transmitters.

10. (original)

The system of claim 9, wherein said means for communicating over a distance of each member of each team is a laptop or desktop computer or other stationary or vehicle mounted information transmitter and receiver.

11. (original)

The system of claim 7, wherein the information sent by the humans to and from said coordinator means that reasons about the situation, assesses changes to the situation, and makes decisions about the various tasks to be performed and when they are to be begun.

12. (original)

The system of claim 7, wherein said programmed decision making capability to accomplish predetermined objectives provides outputs to said means for communicating over a distance comprising an output selected from the group consisting of instructions, questions, information and combinations thereof.

13. (currently amended)

A method for coordinating the activity of a plurality of humans in an enclosed facility, comprising the steps of:

assembling a plurality of humans each having a communicator device for communicating information about said activity, said humans being without a response plan for action in said enclosed facility;

accessing a central automated controller having reasoning capability based on a predetermined set of criteria for said enclosed facility;

communicating messages from said controller to and from each communicator device of each of said humans without requiring decision inputs from said plurality of humans;

processing input from each of said communicator devices and process said input in accordance with programmed decision making capability in said controller to accomplish predetermined objectives and provide output to at least some of said humans through said communicator devices to assess a situation without requiring decision inputs from said plurality of humans and direct steps in response thereto based on a priority determined by said predetermined objectives and the messages from at least some of said communicator device; and

continuing to receive inputs from said communicators to and outputs from said controller to coordinate decisions based on a predetermined model and task assessment reasoning to determine the best way to accomplish the predetermined objectives within said enclosed facility.

14. (original)

The method of claim 13, wherein said plurality of humans are formed into a plurality of teams.

15. (original)

The method of claim 14, wherein said communicator device of each member of each team is a mobile device selected from the group comprising a radio transmitter/receiver, telephone, wireless PDAs, GPS transmitters/receivers, MEMS and implants, optical transmitters.

16. (original)

The method of claim 14, wherein said communicator device of each member of each team is a laptop or desktop computer or other stationary or vehicle mounted information transmitter and receiver.

17. (original)

The method of claim 14, wherein the information sent by the humans to and from said coordinator means that reasons about the situation, assesses changes to the situation, and makes decisions about the various tasks to be performed and when they are to be begun.

18. (original)

The method of claim 13, wherein said programmed decision making capability accomplishes said predetermined objectives by providing outputs to said means for said communication device comprising an output selected from the group consisting of instructions, questions, information and combinations thereof.